

Fig. 1

.data1 5,5,5,5 — 202

```
.data2 6,6,6,6 — 204
```

MOV data1 R2 — 206

LOOP1: MOV 4,R1——208

LOOP2: LD (R2),R3——210

ADD R3.1,R4 — 212

ADD R3.1.R3 — 214

SUB R1.1.R1 — 216

BN2 R1.LOOP2 — 218

MOV data2.R2 — 220

BR COND LOOP1 — 222

*Fig. 2*

	VECTOR	SYMBOL
302	MOV data1 R2	0
304	MOV 4 R1	1
306	{ LD (R2) R3	2
	{ ADD R3,1 R4	3
	{ ADD R3,1,R3	4
308	{ SUB R1,1,R1	5
	{ BN2 R1, LOOP2	6
310	{ LD (R2),R3	2
	{ ADD R3,1,R4	3
	{ ADD R3,1,R3	4
312	{ SUB R1,1,R1	7
	{ BN2 R1,LOOP2	8
314	{ LD (R2),R3	2
	{ ADD R3,1,R4	3
	{ ADD R3,1,R3	4
316	{ SUB R1,1,R1	9
	{ BN2 R1 LOOP2	10
318	{ LD (R2),R3	2
	{ ADD R3,1,R4	3
	{ ADD R3,1,R3	4
320	{ SUB R1,1,R1	11
	{ BN2 R1 LOOP2	12
322	MOV data2,R2	13
324	BR COND LOOP1	14

*Fig. 3A*

	VECTOR	SYMBOL
354	MOV 4, R1	1
356	{ LD (R2),R3	15
	{ ADD R3,1,R4	16
358	{ ADD R3,1,R3	17
	{ SUB R1,1,R1	5
360	{ BN2 R1,LOOP2	6
	{ LD (R2),R3	15
362	{ ADD R3,1,R4	16
	{ ADD R3,1 R3	17
364	{ SUB R1,1,R1	7
	{ BN2 R1,LOOP2	8
366	{ LD (R2),R3	15
	{ ADD R3,1,R4	16
368	{ ADD R3,1 R3	17
	{ SUB R1,1,R1	9
370	{ BN2 R1,LOOP2	10
	{ LD (R2),R3	15
372	{ ADD R3,1,R4	16
	{ ADD R3,1,R3	17
374	{ SUB R1,1,R1	11
	{ BN2 R1,LOOP2	12

*Fig. 3B*





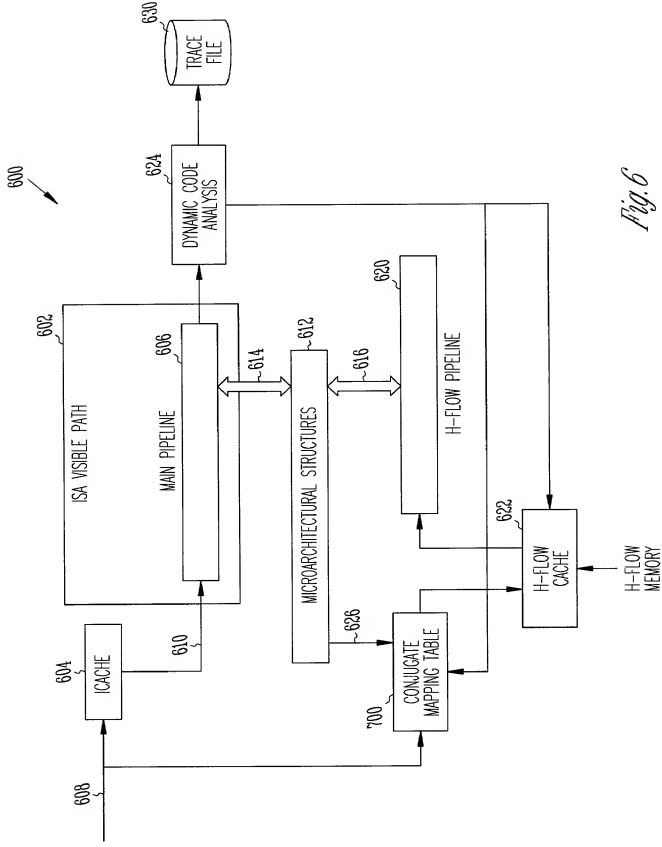


Fig. 6

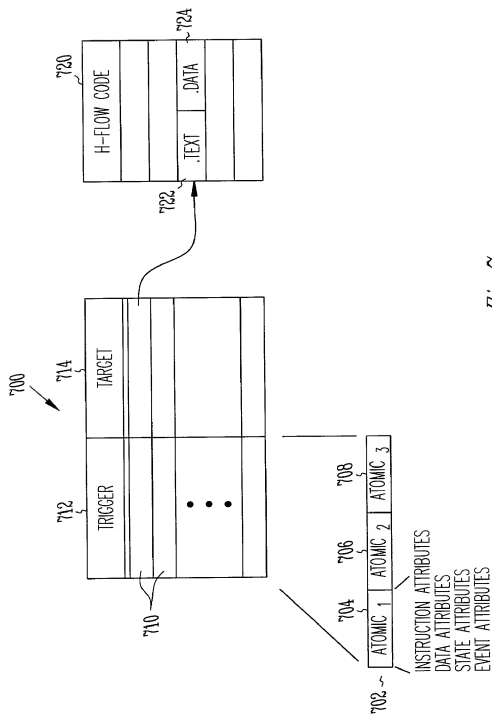
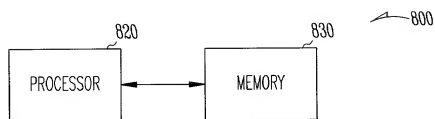


Fig. 7



*Fig. 8*